

MAPINFO PROFESSIONAL® COMPARISON CHART

MapInfo
Professional®



See how MapInfo Professional v7.5 upgrades your success!

MapInfo Professional®, the industry's leading business-mapping solution, let's you perform sophisticated and detailed data analysis to drive insightful decisions. In today's business environment, you need to quickly identify where you under-serve your customers...and overspend. There's opportunity you can't see. And waste you can't identify. With the new feature enhancements of MapInfo Professional v7.5, you'll gain better insights and make better decisions.

MapInfo Professional v7.5 offers specific data access, manipulation, visualization, presentation, output and usability enhancements required by existing and new users.

New with MapInfo Professional v7.5

Platform Support

Microsoft Windows Logo Certification for Windows XP Professional and XP home. Windows 2000, Windows NT+SP6 and Windows 98SE compatible—works the same as previous logo certified versions.

Remote Database Support

Spatial (Map Objects): Oracle 8i and 9i, Informix, Microsoft SQL Server 2000 with MapInfo SpatialWare or MIPro for MS SQL

Automatic reading of Oracle Metadata simplifies the viewing of Oracle Spatial Tables.

Raster and Vector Data

Enhanced user interface for quick geo-referencing of raster images. New utility included for simple and easy Vector file geo-referencing. Improved raster image processing. Enhanced MS Excel support now provides the ability to view any size MS Excel files.

OGC and Standards Compliance

WMS (Web Mapping Service) Client support of any OGC compliant WMS Enabled servers. Supports the access and display of data from any WMS enabled servers. Enhanced OSGB GML v2 file import. Now supports the import of styles and text objects.

Map Display

Enhanced region fill pattern support with more than 100 new patterns available. Greater color depth and any size. Users can now add any number of new enhanced custom symbols including pictures or hi-res symbols. Improved auto scroll and smooth panning, Improved image resolution of the 3D Window. Continued visible snap area, snap to centroids and optional cross hair mode. Enhanced support of KKJ and JGD 2000 projections.

User Interface Controls

Numerous new menu shortcuts provide easy access to frequently performed operations. Extended KBD support for panning and zooming. Enhanced Create Points Dialog and enhanced open windows manager.

Data Editing and Processing

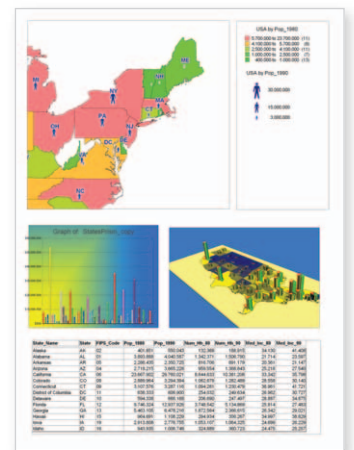
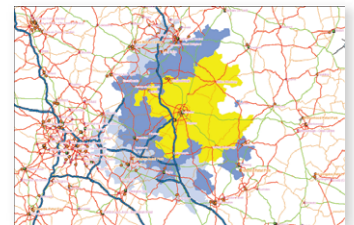
Now move and offset any selection of objects by fixed distance. New rotate selection feature provides the option to set an anchor point and degrees for rotation. New buffer and voronoi function enables the storing of results into a new table. Enhanced draw line by distance and bearing utility. New trim/extend lines utility. New undo buffer size setting of up to 10 MB.

Data Publishing and Output

Set Map Scale—Set Map Scale of a Map Window frame sets the scale of a map within the layout window. Scale Patterns—New scale patterns setting, scales fill patterns on hi-resolution printers. Workspace Packager—New utility automatically packages workspaces with all related files into one directory for sharing with other MapInfo Professional users.

MapBasic

New and enhanced MapBasic statements to support the new MapInfo Professional features. MapBasic v7.5 now includes new sample code for HTML Image map, Mapping Wizard and other utilities that demonstrate product programmability.





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MapInfo Professional v7.0 added

Platform Support

Microsoft® Windows® XP logo (XP Professional and XP Home support), Microsoft® Windows® 2000 logo certification, Microsoft® Windows NT®+SP6 and Microsoft® Windows® 98—tested—works the same as previous logo certified versions

Remote Database Support

X,Y (point Data)—MS Access, SQL Server, Oracle, Informix, Spatial (Map Objects)—Oracle, Informix, SQL Server Significant performance improvement on SQL Server

File Types

Direct read of Shape files, Import support for GML. Built in support for the following raster formats: MrSid, ECW, JPEG2000, ADRG, CADRG, CIB, ASRP and NITF

Projections

Double Stereographic Projection, Austrian Projection, IGD 2000 support for Japan

Object Processing

Split by line polyline, Voronoi polygons, Data Aggregation for buffer, erase and erase outside support for: Points, multipoints and collections.

Data Editing

Rotate Objects, Move objects using arrow keys, undo nodes during polyline and polygon creation

Improved User Experience

Create new table based on open table, Combine objects using column save results in new table, better import of Microsoft® Excel Files, auto detection of Shape file projections during translation, persist categories for individual value themes, file open now opens tables workspaces and remote database tables all from one simple dialog

Publishing

Save window as to user defined resolution, updated Crystal Reports 8.5, Send live maps to MapInfo Discovery™ web server support, Send Map to MapInfo MapX® Mobile option
Better control over installation and maintenanceSupport for common application data files; Smart Update menu opt.

Tools

New North Arrow tool; Enhanced Coordinate Extractor tool

MapInfo Professional v6.5 added

Platform Support

Microsoft® Windows® 2000 logo certification, Microsoft® Windows® 95 and 98 and Microsoft® Windows NT® 4.0 tested: works the same as previous logo certified versions

Database Support

Oracle 8.1.6, MS Access 2000, MS Access multi-user

Remote Database Support

Support for MapInfo® SpatialWare® 4.5 on all platforms; (IBM® Informix®, IBM® DB2, SQL Server, Oracle® 8) Support for Oracle® Spatial 8.1.5, 8.1.6, and 8.1.7. Improved performance

Raster/Grid Enhancements

Raster and Grid Translucency (great for Telcos to display RF propagation data) Raster display override; Direct read of DEM, DTED, and GTOPO30 grid formats

3D Prism Maps

Great for bivariate thematic mapping: display two different variables at once

TIN-base Interpolator

New method for continues thematic best for terrain data modeling as well as Natural neighbor analysis

Object Processing

Clean (remove self-intersections, gaps, and overlaps); snap/Thin/Generalize (remove extra nodes to simplify geometry); Disaggregate (separate composite objects into separate components); Performance improvements (operations like erase reduced from hours to minutes)

New Object Types

Oracle Spatial and Open GIS Consortium compliance
Multi-point Collection (combination of points polylines and polygons)

Invert Selection

User Interface and Usability, Enhancements, View entire layer defaults to 'All, layers'; Raster and grid zoom layering, preferences. Most Recently Used list, expanded from 4 to 10 items

Tools

Enhanced HTML Image Map Tool, Enhanced Scale Bar, New Coordinate Extractor Tool, New Grid Tool

MapInfo Professional v6.0 added

Database Support

Oracle® 8.1.6, Microsoft® Access 2000, Microsoft® Access multi-user

Internet Support

HotLinks, HTML Image Maps, MetaDataBrowser

3D Viewing

Rotate, pan, zoom, query, drape, and print

Output

24-bit color, control over color dithering method, control over, transparency handling technique, control over page size, control over, defaults

Object Processing

Create convex hull and enclosed area polygons. Use Microsoft® Windows® support for clip regions.

Geocoding

Support user control of inset from ends of street and offset to side of street. Correctly interpolate along polygons.

Cartographic Legend

Automatically align items across frames. Support generating item labels from joined tables.

Projections

Fixes for polyconic projection. Support for Oblique Aspects of Azimuthal, Equidistant projection. Many new datums and ellipsoids.

Raster File Formats

ECW from ER Mapper. VMGrid from Northwood Geoscience.

Vector file formats

VPF, SDTS, and AutoCAD 2000. Fix for 'Survey Feet' problem when importing.

Tools

New Rotate Symbols and Labels tools. Improved Scale Bar and Table Manager to support metadata

MapInfo Professional v5.5 added

Database Support

Oracle®8i

Business Graphing and Charting

3D, extensive style control and active selection

Relief Shading

Dramatically reveals the terrain of a continuous thematic map.

Cartographic Legends

Data-driven legends automate the processing of creating detailed entries.

Raster File Formats

MrSID, WMF, PNG, Adobe® Photoshop® 3.0.

User Interface Enhancements

Display length while drawing; display coordinates degrees, minutes, seconds (DD° MM' SS") format; save printer settings (page orientation, etc.) in workspace; select-by-drawing-polygon tool; unselect-all button; explicitly specify Spherical or Cartesian length and area calculations

Tools

MapWizard, Check and Set CoordSys Bounds, DEM to Grid